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(12) **United States Patent**
Barish

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(54) **ELECTRICAL SHAVER AND AUXILIARY
DEVICE PARTICULARLY USEFUL
THEREWITH**

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Primary Examiner—Douglas D. Watts

(57) **ABSTRACT**

An electrical shaver includes a sealing end wall blocking the passage of liquid from the cutter head (preferably a plurality of cutter heads) to the electrical motor within the housing, and a magnetic coupling coupling the cutter head to the electrical motor by a magnetic field which penetrates the sealing end wall, thereby enabling the shaver also to be used for a wet shave as well as for a dry shave. In one described embodiment, the cutter head includes a rotary cutter member, a static cutter member enclosing the rotary cutter member, and a scraper member having a thin, hard, scraper edge at least partially enclosing the static cutter member and spaced radially from its outer edge so as to erect the hairs, and to taughten the skin as the static cutter member is moved over the skin while pressed against it to cut the hairs. Further described is an auxiliary device for cleaning and/or drying the shaver head after use in a wet shave or dry shave.

(21) Appl. No.: **09/312,765**

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Related U.S. Application Data

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(51) **Int. Cl.**⁷ **B26B 19/14**

(52) **U.S. Cl.** **30/43.6; 30/34.2**

(58) **Field of Search** 30/34.2, 43.6,
30/43.9, 43.92, 45, 32, 386.51; 74/17.8

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23 Claims, 8 Drawing Sheets

